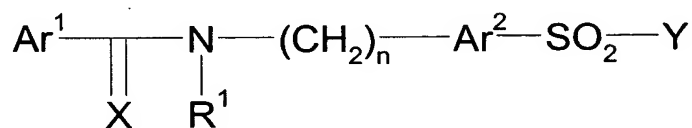


Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) Sulfonamide ~~derivatives~~
compounds according to formula I



with its geometrical isomers, in an optically active form as enantiomers, diastereomers, as well as in the form of racemates, as well as pharmaceutically acceptable salts thereof, wherein

Ar¹ and Ar² are independently from each other substituted or unsubstituted aryl or heteroaryl groups,

X is O or S, preferably O;

R¹ is hydrogen or a C₁-C₆-alkyl group, or R¹ forms a substituted or unsubstituted 5-6-membered saturated or unsaturated ring with Ar¹;

n is an integer from 0 to 5, ~~preferably between 1-3 and most preferred 1;~~

Y within formula I is ~~an unsubstituted or a substituted 4-12 membered saturated cyclic or bicyclic alkyl containing at least one nitrogen atom~~ a piperidino moiety, whereby one nitrogen atom within said ~~ring is forming~~ piperidino moiety forms a bond with the sulfonyl group of formula I thus providing a sulfonamide,

with the proviso that if Ar¹ is 4-chlorophenyl, X is O, R¹ is H, Ar² is thienyl, and Y is not ~~a piperidino group which is para-substituted by 2-hydroxyethyl-~~,

with the further proviso that if Ar¹ is phenyl-, X is O, R¹ is H, Ar² is thienyl, and Y is not a ~~piperidino group which is substituted in its β position by a benzo (5,6) cyclohepta (1,2b) pyridine or a benzo (5,6) cyclohept (3,4)ene (1,2b) pyridine ;~~

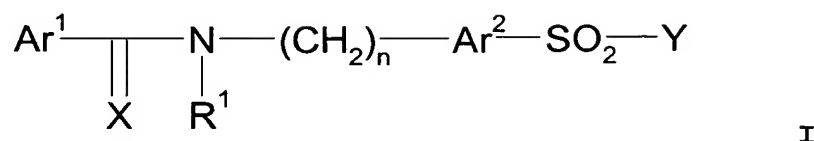
~~with the further proviso that if Y is a piperidino or a pyrrolidino group being substituted at the β position of the piperidino or a pyrrolidino nitrogen by a benzo[5, 6]cyclohepta[1, 2b]pyridine, or a benzo[5, 6]cyclohept (3,4) ene [1, 2b]pyridine, while Ar² is thienyl, X is oxygen, R¹ is hydrogen and n is 1, Ar³ shall not be a phenyl group;~~

~~with the further proviso that if X is oxygen, R¹ is hydrogen and n is 1, while Y is a piperazine, said piperazine at the para nitrogen shall not be substituted by a group containing a benzamidine or a protected form thereof;~~

~~with the further proviso that the compounds 2-{[2-(benzoylaminomethyl) thiophene] 5 sulfonyl} 1,2,3,5,6,7-hexahydro N,N dipropyleclopent[f]isoindol 6 amine and N-[[5-[[7 cyano 1,2,3,5 tetrahydro 1 (1H imidazol 4 yl methyl) 3-(phenylmethyl) 4H 1,4 benzodiazepin 4 yl]sulfonyl] 2 thienyl] methyl] benzamide and its hydrochloride are excluded;~~

~~with the final proviso that if X is oxygen and Y is a 4-8 membered saturated cyclic alkyl containing one or two nitrogen atoms, Y shall not be substituted by a group (C=O)N(R,R') at the α position of the sulfonamide nitrogen.~~

2. (Currently Amended) A composition for treatment of disorders associated with the abnormal expression or activity of JNK comprising a β sulfonamide derivatives compound according to formula I



with its geometrical isomers, in an optically active form as enantiomers, dia-stereomers, as well as in the form of racemates, as well as pharmaceutically acceptable salts thereof, wherein

Ar¹ and Ar² are independently from each other substituted or unsubstituted aryl or heteroaryl groups,

X is O or S, preferably O;

R¹ is hydrogen or a C₁-C₆-alkyl group, or R¹ forms a substituted or unsubstituted 5-6-membered saturated or unsaturated ring with Ar¹;

n is an integer from 0 to 5, ~~preferably between 1-3 and most preferred 1;~~

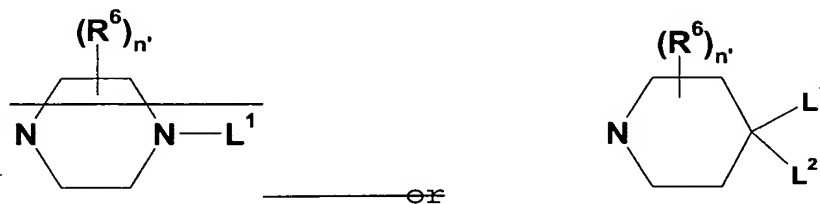
Y within formula I is a piperidino group ~~an unsubstituted or a substituted 4-12 membered saturated cyclic or bicyclic alkyl containing at least one nitrogen atom, whereby one nitrogen atom within said ring is forming a bond with the sulfonyl group of formula I thus providing a sulfenamide, for use as a medicament;~~

with the proviso that if Y is a ~~piperidine or a pyrrolidino group being substituted~~ substituted at the β-position of the piperidino- ~~or a pyrrolidino~~ nitrogen by a benzo[5, 6]cyclohepta[1, 2b]pyridine, or a benzo[5, 6]cyclohept (3,4) ene [1, 2b]pyridine, while Ar² is thienyl, X is oxygen, R¹ is hydrogen and n is 1, Ar¹ shall not be a phenyl group;

~~with the further proviso that if X is oxygen, R¹ is hydrogen and n is 1, while Y is a piperazine, said piperazine~~

~~at the para nitrogen shall not be substituted by a group containing a benzamidine or a protected form thereof; and a pharmaceutically acceptable carrier with the further proviso that the compounds 2-{[2-(benzoylaminoethyl)-thio phenyl]-5-sulfonyl}-1,2,3,5,6,7-hexahydro-N,N-dipropyleclopent[*f*]isoindol-6-amine and N-[[5-[[7-cyano-1,2,3,5-tetrahydro-1-(1*H*-imidazol-4-yl)methyl]-3-(phenylmethyl)-4*H*-1,4-benzodiazepin-4-yl]sulfonyl]-2-thienyl]methyl]benzamide and its hydrochloride are excluded; _____ with the final proviso that if X is oxygen and Y is a 4-8 membered saturated cyclic alkyl containing one or two nitrogen atoms, Y shall not be substituted by a group (C=O)N(R,R') at the α position of the sulfonamide nitrogen.~~

3. (Currently Amended) A sulfonamide derivative compound according to claim 1 or 2, wherein Y is a ~~piperazine- or piperidino~~ group of the general formula



whereby, L^1 and L^2 ~~are~~ L^2 are independently selected from each other from the group ~~comprising or~~ consisting of H, substituted or unsubstituted C_1 - C_6 -aliphatic alkyl, substituted or unsubstituted C_2 - C_6 -alkenyl, substituted or unsubstituted C_2 - C_6 -alkynyl, substituted or unsubstituted cyclic C_4 - C_8 -alkyl optionally containing 1-3 heteroatoms and optionally fused with aryl or heteroaryl; or L^1 and L^2 are independently selected from the group ~~comprising or~~ consisting of substituted or unsubstituted aryl, substituted or

unsubstituted heteroaryl, aryl-C₁-C₆-alkyl, heteroaryl-C₁-C₆-alkyl, -C(O)-OR³, -C(O)-R³, -C(O)-NR^{3'}R³, -NR^{3'}R³, -NR^{3'}C(O)R³, -NR^{3'}C(O)NR^{3'}R³, -(SO)R³, -(SO₂)R³, -NSO₂R³, -SO₂NR^{3'}R³,

with R³, R^{3'} being substituents independently selected from the group ~~comprising or~~ consisting of H, substituted or unsubstituted C₁-C₆-alkyl, substituted or unsubstituted C₂-C₆-alkenyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted aryl-C₁-C₆-alkyl, substituted or unsubstituted heteroaryl-C₁-C₆-alkyl;

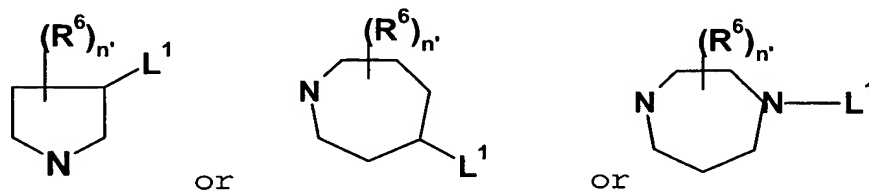
said aryl or heteroaryl groups being optionally substituted C₁-C₆-alkyl, C₁-C₆-alkoxy, C₂-C₆-alkenyl, C₂-C₆-alkynyl, amino, acylamino, aminocarbonyl, C₁-C₆-alkoxycarbonyl, aryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfonyl, sulfoxy, C₁-C₆-thioalkoxy,

or L¹ and L² taken together form a 4-8-membered, substituted or unsubstituted saturated cyclic alkyl or heteroalkyl group; and

R⁶ is selected from the group ~~comprising or~~ consisting of hydrogen, substituted or unsubstituted C₁-C₆-alkyl, substituted or unsubstituted C₁-C₆-alkoxy, OH, halogen, nitro, cyano, sulfonyl, oxo (=O), and

n' is an integer from 0 to 4, ~~preferably 1 or 2~~.

4. (Withdrawn) A sulfonamide derivative according to claim 1 or 2, wherein Y is a pyrrolidine, an azepan or a 1,4-diazepan moiety of the below formulas



wherein L^1 is selected from the group comprising or consisting of H, substituted or unsubstituted C_1 - C_6 -alkyl, substituted or unsubstituted C_2 - C_6 -alkenyl, substituted or unsubstituted C_2 - C_6 -alkynyl, substituted or unsubstituted cyclic C_4 - C_8 -alkyl optionally containing 1-3 heteroatoms and optionally fused with aryl or heteroaryl; or L^1 and L^2 are independently selected from the group comprising or consisting of substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, aryl- C_1 - C_6 -alkyl, heteroaryl- C_1 - C_6 -alkyl, $-C(O)-OR^3$, $-C(O)-R^3$, $-C(O)-NR^{3'}R^3$, $-NR^{3'}R^3$, $-NR^{3'}C(O)R^3$, $-NR^{3'}C(O)NR^{3'}R^3$, $-(SO)R^3$, $-(SO_2)R^3$, $-NSO_2R^3$, $-SO_2NR^{3'}R^3$;

R^3 and $R^{3'}$ are substituents independently selected from the group comprising or consisting of H, substituted or unsubstituted C_1 - C_6 -alkyl, substituted or unsubstituted C_2 - C_6 -alkenyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted aryl- C_1 - C_6 -alkyl, substituted or unsubstituted heteroaryl- C_1 - C_6 -alkyl;

R^6 is selected from the group comprising or consisting of hydrogen, substituted or unsubstituted C_1 - C_6 -alkyl, substituted or unsubstituted C_1 - C_6 -alkoxy, OH, halogen, nitro, cyano, sulfonyl, oxo ($=O$), sulfoxy, acyloxy, thioalkoxy and n' is an integer from 0 to 4, preferably 0.

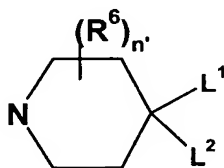
5. (Currently Amended) A sulfonamide derivative compound according to claim 1, wherein Ar^1 and Ar^2 are independently selected from the group ~~comprising or consisting~~ of phenyl, thienyl, furyl, pyridyl, optionally substituted by C_1 - C_6 -alkyl, ~~preferably trihalomethyl, C_1 - C_6 -alkoxy, C_2 - C_6 -alkenyl, C_2 - C_6 -alkynyl, amino, acylamino, aminocarbonyl, C_1 - C_6 -alkoxycarbonyl, aryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfonyl, C_1 - C_6 -thioalkoxy.~~

6. (Currently Amended) A sulfonamide derivative compound according to claim 5, wherein Ar^1 is an unsubstituted or substituted phenyl.

7. (Currently Amended) A sulfonamide derivative compound according to claim 5, wherein Ar^2 is an unsubstituted or substituted thienyl or furanyl group.

8. (Currently Amended) A sulfonamide derivative compound according to claim 1, wherein Ar^1 is selected from the group consisting of a 4-chlorophenyl, nitrophenyl, hydroxyphenyl, alkoxy phenyl, pyridyl, 3,4,-dihydroxyphenyl, thioxo-dihydropyridine or its tautomer, pyrazole and X is O, R^1 is hydrogen, n is 1, Ar^2 is thienyl or furanyl.

9. (Currently Amended) A sulfonamide derivative compound according to claim 8, wherein Y is



with $(\text{R}^6)_n$, L^1 and L^2 being as above defined. $(\text{R}^6)_n$ selected from the group consisting of substituted or unsubstituted $\text{C}_1\text{-C}_6$ alkyl, substituted or unsubstituted $\text{C}_1\text{-C}_6$ alkoxy, OH, halogen, nitric cyans, sulfonyl, compounds and oxo; n is an integer of from 0 to 4; and

Wherein L^1 and L^2 are independently selected from each other from the group consisting of H, substituted or unsubstituted $\text{C}_1\text{-C}_6$ -aliphatic alkyl, substituted or unsubstituted $\text{C}_2\text{-C}_6$ alkenyl, substituted or unsubstituted $\text{C}_2\text{-C}_4$ alkyl optionally containing 1-3 heteroatoms and optionally fused with aryl or heteroaryl; or L^1 and L^2 are independently selected from the group consisting of substituted or

unsubstituted aryl, substituted or unsubstituted heteroaryl, aryl-C₁-C₄ alkyl, heteroaryl-C₁-C₄ alkyl, -C(O)-OR³, -C(O)-R³, -C(O)-NR^{3'}R³, -NR^{3'}R³; -NR^{3'}C(O)R³, -NR^{3'}-C(O)NR^{3'}R³, -(SO)R³, -(SO₂)R³, -NSO₂R³, and -SO₂NR^{3'};

With R³ and R^{3'} being substituents independently selected from the group consisting of H, substituted or unsubstituted C₁-C₄ alkyl, substituted or unsubstituted C₂-C₆ alkenyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted aryl-C₁-C₄-alkyl, substituted or unsubstituted heteroaryl-C₁-C₆-alkyl;

Said aryl or heteroaryl groups being optionally substituted C₁-C₆-alkyl, C₁-C₆-alkoxy, C₂-C₆-alkenyl, C₂-C₆-alkynyl, amino, acylamino, aminocarbonyl, C₁-C₆-alkoxycarbonyl, aryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfonyl, sulfoxy, C₁-C₆-thioalkoxy; pr

L¹ and L² taken together form a 4-8 member substituted or unsubstituted saturated cyclic alkyl or heteroalkyl group.

10. (Currently Amended) A sulfonamide derivative compounds according to claim 9, wherein R⁶ is H, L² is H, L¹ is a 5-membered cyclic group containing 3 heteroatoms, ~~preferably a triazole ring which is preferably fused with an unsubstituted or substituted aryl or heteroaryl;~~ or L¹ is -C(O)-R³, or -NHR³;

with R³ being a substituent selected from the group comprising or consisting of C₁-C₆-alkyl, aryl, heteroaryl, aryl-C₁-C₆-alkyl, heteroaryl-C₁-C₆-alkyl;

said aryl or heteroaryl groups being optionally substituted by halogen, hydroxy, nitro, or sulfonyl.

11. (Currently Amended) A sulfonamide derivative compound according to claim 1, selected from the group consisting of:

~~4-chloro-N-[5-(piperazine-1-sulfonyl)-thiophen-2-yl-methyl]-benzamide;~~

4-Chloro-N-{5-[4-(3-trifluoromethanesulfonyl-phenylamino)-piperidine-1-sulfonyl]-thiophen-2-ylmethyl}-benzamide;

~~4-chloro-N-[(5-{[4-(pyridin-2-yl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

4-chloro-N-[(5-{[4-(4-fluorobenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

~~4-chloro-N-[(5-{[4-(4-(trifluoromethyl)phenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-[(5-{[4-(2-nitrophenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-[(5-{[4-(4-nitrophenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-[(5-{[4-(2-furoyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-[(5-{[4-(4-hydroxyphenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-[(5-{[4-(2-oxo-2-pyrrolidin-1-ylethyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-[(5-{[4-(2-morpholin-4-yl-2-oxoethyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-[(5-{[4-(pyridin-4-ylmethyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-[(5-{[4-(2-thien-2-ylethyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-[(5-{[4-(3,5-dimethoxyphenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-[(5-{[4-(cyclohexylmethyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-[(5-{[4-(2-methoxyphenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~N-({5-[4-benzylpiperazin-1-yl]sulfonyl}thien-2-yl)methyl)-4-chlorobenzamide;~~

~~4-chloro-N-[(5-{[4-(2-phenylethyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-[(5-{[4-(4-fluorobenzyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-[(5-{[4-(2-cyanophenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-({5-([4-[4-chloro-3-(trifluoromethyl)phenyl]piperazin-1-yl]sulfonyl}thien-2-yl)methyl)benzamide;~~

~~4-chloro-N-[(5-{[4-(3-piperidin-1-ylpropyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-({5-[4-[4-chloro-2-nitrophenyl]piperazin-1-yl]sulfonyl}thien-2-yl)methyl)benzamide;~~

~~4-chloro-N-[(5-{[4-(6-methylpyridin-2-yl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-({5-[4-(4-hydroxy-4-phenylpiperidin-1-yl)sulfonyl]thien-2-yl)methyl)benzamide;~~

~~N-({5-[4-benzoylpiperidin-1-yl]sulfonyl}thien-2-yl)methyl)-4-chlorobenzamide;~~

~~4-chloro-N-[(5-{[4-(2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

N-({5-[(4-benzylpiperidin-1-yl)sulfonyl]thien-2-yl)methyl}-4-chlorobenzamide;

~~4-chloro-N-({5-[(4-oxo-1-phenyl-1,3,8-triazaspiro[4.5]dec-8-yl)sulfonyl]thien-2-yl)methyl}benzamide;~~

~~4-chloro-N-{[5-({4-[2-(methylanilino)-2-ethoxyethyl]piperazin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;~~

~~4-chloro-N-{[5-({4-[hydroxy(diphenyl)methyl]piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;~~

~~4-chloro-N-[(5-{[4-(3-cyanopyrazin-2-yl)piperazin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;~~

~~4-chloro-N-({5-[(4-{5-nitropyridin-2-yl}piperazin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;~~

~~4-chloro-N-{[5-({4-[3-chloro-5-(trifluoromethyl)pyridin-2-yl]piperazin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;~~

~~4-chloro-N-{[5-({4-[5-(trifluoromethyl)pyridin-2-yl]piperazin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;~~

~~4-chloro-N-{[5-({4-[3-(trifluoromethyl)pyridin-2-yl]piperazin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;~~

4-chloro-N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

~~methyl-5-{4-[(5-{[4-(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperazin-1-yl}-7-(trifluoromethyl)thieno[3,2-b]pyridine-3-carboxylate;~~

~~ethyl-2-{4-[(5-{[4-(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperazin-1-yl}-5-cyano-6-methylnicotinate;~~

~~4-chloro-N-{[5-({4-[5-cyano-4,6-bis(dimethylamino)pyridin-2-yl]piperazin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;~~

~~4-chloro-N-[(5-[(4-{6-methyl-2-(trifluoromethyl)quinolin-4-yl}piperazin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

~~tert-butyl-4-[(5-[(4-chlorobenzoyl)amino]methyl]thien-2-yl)sulfonyl]piperazine-1-carboxylate;~~

~~2-[4-[(5-[(4-chlorobenzoyl)amino]methyl]thien-2-yl)sulfonyl]piperazin-1-yl]-8-ethyl-5-oxo-5,8-dihydropyrido[2,3-d]pyrimidine-6-carboxylic acid;~~

~~7-[4-[(5-[(4-chlorobenzoyl)amino]methyl]thien-2-yl)sulfonyl]piperazin-1-yl]-1-ethyl-6-fluoro-4-oxo-1,4-dihydro[1,8]naphthyridine-3-carboxylic acid;~~

~~7-[4-[(5-[(4-chlorobenzoyl)amino]methyl]thien-2-yl)sulfonyl]piperazin-1-yl]-1-ethyl-6-fluoro-4-oxo-1,4-dihydroquinoline-3-carboxylic acid;~~

~~4-chloro-N-[(5-[(4-(2,3-dihydro-1,4-benzodioxin-2-yl)carbonyl)piperazin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-[(5-[(4-[(2E)-3-phenylprop-2-enyl]piperazin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-[(5-[(4-(3-phenylpropyl)piperazin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-[(5-[(4-(3,4,5-trimethoxyphenyl)piperazin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

~~N-[(5-[(4-(4-tert-butylbenzyl)piperazin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;~~

~~4-chloro-N-[(5-[(4-(4-fluorophenyl)piperazin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-[(5-[(4-(2-hydroxyphenyl)piperazin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-([5-([4-[4-(trifluoromethyl)pyridin-2-yl]piperazin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-([5-([4-(5-cyanopyridin-2-yl)piperazin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

tert-butyl 1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-ylcarbamate;

~~4-chloro-N-([5-([4-phenylpiperazin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

4-chloro-N-([5-(piperidin-1-ylsulfonyl)thien-2-yl)methyl]benzamide;

~~4-chloro-N-([5-([4-(1-naphthyl)piperazin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-([5-([4-(3,4-dichlorophenyl)piperazin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

~~4-chloro-N-([5-([4-[3-(trifluoromethyl)phenyl]piperazin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

4-chloro-N-([5-([3-hydroxy-4-[3-(trifluoromethyl)phenyl]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

~~4-chloro-N-([5-([4-(2-methylphenyl)piperazin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

~~N-([5-([(1R,4R)-5-benzyl-2,5-diazabicyclo[2.2.1]hept-2-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;~~

N-([5-([4-(benzyloxy)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;

~~4-chloro-N-([5-([4-(2-chlorodibenzo[b,f][1,4]oxazepin-11-yl)piperazin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

N- (4-chlorophenyl) -2- (5- { [4- (2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)acetamide;

4-chloro-N- ({5- [(4-hydroxypiperidin-1-yl)sulfonyl]thien-2-yl}methyl)benzamide;

~~N- [(5- { [4- (4-acetylphenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;~~

~~4-chloro-N- [(5- { [4- (3,5-dichloropyridin-4-yl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~4-chloro-N- [(5- { [4- (3-methoxyphenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

N- ({5- [(4-benzyl-4-hydroxypiperidin-1-yl)sulfonyl]thien-2-yl}methyl) -4-chlorobenzamide;

N- { [5- ({4- [(2-tert-butyl-1H-indol-5-yl)amino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl} -4-chlorobenzamide;

4-chloro-N- { [5- ({4- [(phenylacetyl)amino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

~~4-chloro-N- [(5- { [4- (tetrahydrofuran-2-yl)carbonyl]piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~4-chloro-N- [(5- { [4- (6-chloropyridin-2-yl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~4-chloro-N- [(5- { [4- (4-chlorophenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

N- [(5- { [4- (2H-1,2,3-benzotriazol-2-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl] -4-chlorobenzamide;

4-chloro-N- [(5- { [4- (4-chlorobenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N- ({5- [(4-phenoxy)piperidin-1-yl]sulfonyl]thien-2-yl)methyl)benzamide;

N- { [5- ({4- [benzyl (methyl) amino] piperidin-1-yl} sulfonyl) thien-2-yl] methyl } -4-chlorobenzamide;

4-chloro-N- { [5- ({4- [3- (2,4-dichlorophenyl) -1H-pyrazol-5-yl] piperidin-1-yl} sulfonyl) thien-2-yl] methyl } benzamide;

4-chloro-N- [(5- { [4- (5-thien-2-yl-1H-pyrazol-3-yl) piperidin-1-yl] sulfonyl } thien-2-yl) methyl] benzamide;

4-chloro-N- [(5- { [4- (2,3,4,5,6-pentamethylbenzoyl) piperidin-1-yl] sulfonyl } thien-2-yl) methyl] benzamide;

~~4-chloro-N- { [5- { [4- (phenylacetyl) 1,4-diazepan-1-yl] sulfonyl } thien-2-yl] methyl } benzamide;~~

4-chloro-N- { [5- ({4- [5- (4-methoxyphenyl) -1H-pyrazol-3-yl] piperidin-1-yl} sulfonyl) thien-2-yl] methyl } benzamide;

N- ({5- [(4-anilinopiperidin-1-yl) sulfonyl] thien-2-yl} methyl) -4-chlorobenzamide;

~~4-chloro-N- [(5- { [4- (3-phenyl 1,2,4-thiadiazol-5-yl) piperazin-1-yl] sulfonyl } thien-2-yl) methyl] benzamide;~~

4-chloro-N- [(5- { [4- (2-phenylethyl) piperidin-1-yl] sulfonyl } thien-2-yl) methyl] benzamide;

~~4-chloro-N- ({5- [(4-heptylpiperazin-1-yl) sulfonyl] thien-2-yl} methyl) benzamide;~~

~~4-chloro-N- ({5- [(4-octylpiperazin-1-yl) sulfonyl] thien-2-yl} methyl) benzamide;~~

N- [(5- { [4- (1H-1,2,3-benzotriazol-1-yl) piperidin-1-yl] sulfonyl } thien-2-yl) methyl] -4-chlorobenzamide;

2- (5- { [4- (1H-1,2,3-benzotriazol-1-yl) piperidin-1-yl] sulfonyl } thien-2-yl) -N- (4-chlorophenyl) acetamide;

2- {1- [(5- { [(4-chlorobenzoyl) amino] methyl } thien-2-yl) sulfonyl] piperidin-4-yl } -2H-1,2,3-benzotriazole-5-carboxylic acid;

4-chloro-N-[(5-{[4-(5-chloro-1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

methyl 1-{1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-1H-1,2,3-benzotriazole-5-carboxylate;

methyl 1-{1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-1H-1,2,3-benzotriazole-6-carboxylate;

methyl 2-{1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-2H-1,2,3-benzotriazole-5-carboxylate;

4-chloro-N-[(5-{[4-(6-chloro-1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-{[5-({4-[5-(trifluoromethyl)-1H-1,2,3-benzotriazol-1-yl]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

N-[(5-{[4-(7-aza-1H-benzimidazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

1-{1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-1H-1,2,3-benzotriazole-5-carboxylic acid;

1-{1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-1H-1,2,3-benzotriazole-6-carboxylic acid;

N-[(5-{[4-(2-amino-9H-purin-9-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(9H-purin-9-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(6-amino-9H-purin-9-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-({5-[(4-{6-nitro-1H-benzimidazol-1-yl}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-({5-[(4-{5-nitro-1H-benzimidazol-1-yl}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;
4-chloro-N-[(5-{[4-(2H-1,2,3-triazol-2-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;
N-[(5-{[4-(1H-benzimidazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;
4-chloro-N-{[5-({4-[3-propylanilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;
4-chloro-N-{[5-({4-[3-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;
4-chloro-N-{[5-({4-[3-(dimethylamino)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;
methyl 3-({1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}amino)-benzoate;
4-chloro-N-{[5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;
4-chloro-N-({5-[(4-{3-nitroanilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;
4-chloro-N-[(5-{[4-(2-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;
3-({1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}amino)benzamide;
4-chloro-N-{[5-({4-[2-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;
4-chloro-N-({5-[(4-{2-nitro-4-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-[(5-{[4-(4-chloroanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-{[5-({4-[4-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

4-chloro-N-({5-[4-{4-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl]sulfonyl}thien-2-yl)methyl)benzamide;

4-chloro-N-({5-[4-{2-nitroanilino}piperidin-1-yl]sulfonyl}thien-2-yl)methyl)benzamide;

N-{[5-({4-[4-(aminocarbonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-{[5-({4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

N-[(5-{[4-(3-chloroanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

4-chloro-N-[(5-{[4-(3-chloroanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-{[5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

N-({5-[4-{3-[amino(imino)methyl]anilino}piperidin-1-yl]sulfonyl}thien-2-yl)methyl)-4-chlorobenzamide;

4-chloro-N-({5-[4-{3-[(2-hydroxyethyl)sulfonyl]anilino}piperidin-1-yl]sulfonyl}thien-2-yl)methyl)benzamide;

N-[(5-{[4-(2-aminoanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(2-hydroxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(4-hydroxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-({5-[4-{3-[(trifluoromethyl)sulfanyl]anilino}piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(3-toluidino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-({5-[4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-{[5-({4-[3-(1,3-oxazol-5-yl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

N-[(5-{[4-(3-tert-butylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(2-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-{[5-({4-[(2,2-dioxido-1,3-dihydro-2-benzothien-5-yl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(2,3-dihydro-1H-inden-5-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(4-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-({3-nitropyridin-2-yl}amino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-{[5-({4-[(3-aminopyridin-2-yl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}-4-chlorobenzamide;

N-[(5-{[4-([1,1'-biphenyl]-3-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

N-[(5-{[4-(3-benzylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;
4-chloro-N-[(5-{[4-(pyrimidin-2-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;
4-chloro-N-{[5-({4-[4-(morpholin-4-ylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;
4-chloro-N-({5-[4-{[4-(trifluoromethyl)pyrimidin-2-yl]amino}piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;
4-chloro-N-[(5-{[4-(3-cyclohexyl-4-hydroxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;
N-({5-[4-{3-[(butylamino)sulfonyl]anilino}piperidin-1-yl]sulfonyl}thien-2-yl)methyl)-4-chlorobenzamide;
4-chloro-N-[(5-{[4-(3-ethylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;
4-chloro-N-[(5-{[4-(5,6,7,8-tetrahydronaphthalen-1-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;
N-{[5-({4-[3-(aminosulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-4-chlorobenzamide;
4-chloro-N-[(5-{[4-(quinolin-5-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;
4-chloro-N-[(5-{[4-(quinolin-8-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;
4-Chloro-N-[(5-{[4-(3-propylphenoxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;
~~4-chloro-N-{[5-({4-[(2E)-3-phenylprop-2-enoyl]piperazin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;~~
~~4-chloro-N-({5-[4-{4-nitrobenzoyl}piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~_____ N ({5 [{4 benzoylpiperazin 1 yl}sulfonyl]thien 2-
yl}methyl) 4 chlorobenzamide;~~

~~_____ 4 chloro N {[5 ({4 [4-
(trifluoromethyl)benzoyl]piperazin 1 yl}sulfonyl)thien 2-
yl}methyl}benzamide;~~

~~_____ 4 chloro N {[5 ({4 [4-
(dimethylamino)benzoyl]piperazin 1 yl}sulfonyl)thien 2-
yl}methyl}benzamide;~~

~~_____ 4 chloro N {[5 {[4 (2 fluorobenzoyl)piperazin 1-
yl}sulfonyl]thien 2 yl)methyl}benzamide;~~

~~_____ 4 chloro N {[5 {[4 (2,6 difluorobenzoyl)piperazin 1-
yl}sulfonyl]thien 2 yl)methyl}benzamide;~~

~~_____ 4 chloro N {[5 {[4 (3 fluorobenzoyl)piperazin 1-
yl}sulfonyl]thien 2 yl)methyl}benzamide;~~

~~_____ 4 chloro N {[5 {[4 (2 naphthoyl)piperazin 1-
yl}sulfonyl]thien 2 yl)methyl}benzamide;~~

~~_____ 4 chloro N {[5 {[4 (1 naphthoyl)piperazin 1-
yl}sulfonyl]thien 2 yl)methyl}benzamide;~~

~~_____ 4 chloro N ({5 {[4 {2 nitrobenzoyl}piperazin 1-
yl}sulfonyl]thien 2 yl)methyl}benzamide;~~

~~_____ 4 chloro N {[5 {[4 (pyridin 3 ylecarbonyl)piperazin-
1 yl}sulfonyl]thien 2 yl)methyl}benzamide;~~

~~_____ N {[5 {[4 (2,1,3 benzoxadiazol 5-
ylecarbonyl)piperazin 1 yl}sulfonyl]thien 2 yl)methyl} 4-
chlorobenzamide;~~

~~_____ 4 chloro N {[5 {[4 (2,4 difluorobenzoyl)piperazin 1-
yl}sulfonyl]thien 2 yl)methyl}benzamide;~~

~~_____ 4 chloro N {[5 {[4 (2,4,6-
trifluorobenzoyl)piperazin 1 yl}sulfonyl]thien 2-
yl)methyl}benzamide;~~

~~_____ 4 chloro N {[5 {[4 (2,6 dichlorobenzoyl)piperazin 1-
yl}sulfonyl]thien 2 yl)methyl}benzamide;~~

~~4-chloro-N-({5-[(4-heptanoylpiperazin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;~~

~~4-chloro-N-[(5-{[4-(quinolin-8-yl)sulfonyl]piperazin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;~~

4-nitro-N-({5-[(4-{3-
[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide;

4-nitro-N-({5-[(4-{3-
[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide;

4-nitro-N-({5-[(4-{3-
[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide;

3-nitro-N-[(5-{[4-(3-methoxyanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

3-nitro-N-{[5-({4-[3-
(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

N-{[5-({4-[3-(dimethylamino)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N- { [5- ({4- [3-
(methylsulfonyl) anilino] piperidin-1-yl} sulfonyl) thien-2-
yl] methyl} benzamide;

3-nitro-N- { [5- ({4- [3-
(methylsulfonyl) anilino] piperidin-1-yl} sulfonyl) thien-2-
yl] methyl} benzamide;

N- { [5- ({4- [3- (aminosulfonyl) anilino] piperidin-1-
yl} sulfonyl) thien-2-yl] methyl} -3-nitrobenzamide;

methyl 3- { [1- ({5- [({3-nitrobenzoyl} amino) methyl] -
thien-2-yl} sulfonyl) -piperidin-4-yl] amino} benzoate;

N- { [5- ({4- [3- (aminocarbonyl) anilino] piperidin-1-
yl} sulfonyl) thien-2-yl] methyl} -3-nitrobenzamide;

3-nitro-N- ({5- [(4- {3-nitroanilino} piperidin-1-
yl) sulfonyl] thien-2-yl} methyl) benzamide;

3-nitro-N- [(5- { [4- (2-methoxyanilino) piperidin-1-
yl] sulfonyl} thien-2-yl) methyl] benzamide;

3-nitro-N- { [5- ({4- [2-
(trifluoromethyl) anilino] piperidin-1-yl} sulfonyl) thien-2-
yl] methyl} benzamide;

3-nitro-N- ({5- [(4- {2-nitroanilino} piperidin-1-
yl) sulfonyl] thien-2-yl} methyl) benzamide;

N- [(5- { [4- (4-chloroanilino) piperidin-1-
yl] sulfonyl} thien-2-yl) methyl] -3-nitrobenzamide;

3-nitro-N- { [5- ({4- [4-
(trifluoromethyl) anilino] piperidin-1-yl} sulfonyl) thien-2-
yl] methyl} benzamide;

3-nitro-N- ({5- [(4- {4-
[(trifluoromethyl) sulfonyl] anilino} piperidin-1-
yl) sulfonyl] thien-2-yl} methyl) benzamide;

N- { [5- ({4- [4- (aminocarbonyl) anilino] piperidin-1-
yl] sulfonyl) thien-2-yl] methyl} -3-nitrobenzamide;

N-[(5-{[4-(3-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

N-[(5-{[4-(3-chloroanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-[(5-{[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N-{[5-({4-[3-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

N-{[5-({4-[3-(dimethylamino)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-[(5-{[4-(3-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N-{[5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

4-nitro-N-{[5-({4-[3-(methylsulfanyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

N-{[5-({4-[3-(aminosulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-4-nitrobenzamide;

methyl 3-{[1-({5-[(4-nitrobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}amino}benzoate;

3-{[1-({5-[(4-nitrobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}amino}benzamide;

4-nitro-N-({5-[(4-{3-nitroanilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-nitro-N-[(5-{[4-(2-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N-{[5-({4-[2-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

4-nitro-N-({5-[(4-{2-nitroanilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-[(5-{[4-(4-chloroanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-{[5-({4-[4-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-nitro-N-({5-[(4-{[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-{[5-({4-[4-(aminocarbonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-4-nitrobenzamide;

N-{[5-({4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-4-nitrobenzamide;

N-({5-[(4-{3-[amino(imino)methyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-nitrobenzamide;

N-({5-[(4-{3-[(2-hydroxyethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-nitrobenzamide;

N-({5-[(4-anilinopiperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-nitrobenzamide;

N-({5-[(4-{3-[(2-hydroxyethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-4-nitrobenzamide;

N-({5-[(4-anilinopiperidin-1-yl)sulfonyl]thien-2-yl)methyl}-4-nitrobenzamide;

N-({5-[(4-{3-[amino(imino)methyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-4-nitrobenzamide;

3-nitro-N-({5-[(4-{3-[(trifluoromethyl)sulfanyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-nitro-N-({5-[4-{3-
[(trifluoromethyl)sulfanyl]anilino}piperidin-1-
yl)sulfonyl}thien-2-yl)methyl)benzamide;
3-nitro-N-[(5-{4-({3-nitropyridin-2-
yl)amino}piperidin-1-yl)sulfonyl}thien-2-yl)methyl]benzamide;
N-{[5-({4-[(2,2-dioxido-1,3-dihydro-2-benzothien-5-
yl)amino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl]-3-
nitrobenzamide;
N-[(5-{4-(2,3-dihydro-1H-inden-5-ylamino)piperidin-
1-yl)sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;
3-nitro-N-[(5-{4-(2-propylanilino)piperidin-1-
yl)sulfonyl}thien-2-yl)methyl]benzamide;
3-nitro-N-[(5-{4-(4-propylanilino)piperidin-1-
yl)sulfonyl}thien-2-yl)methyl]benzamide;
N-[(5-{4-(3-tert-butylanilino)piperidin-1-
yl)sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;
3-nitro-N-{[5-({4-[3-(1,3-oxazol-5-
yl)anilino]piperidin-1-yl)sulfonyl}thien-2-
yl)methyl]benzamide;
3-nitro-N-[(5-{4-(2-phenylethyl)piperidin-1-
yl)sulfonyl}thien-2-yl)methyl]benzamide;
N-({5-[4-{[3-chloro-5-(trifluoromethyl)pyridin-2-
yl]amino}piperidin-1-yl)sulfonyl}thien-2-yl)methyl)-3-
nitrobenzamide;
N-[(5-{4-([1,1'-biphenyl]-3-ylamino)piperidin-1-
yl)sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;
N-[(5-{4-(3-benzylanilino)piperidin-1-
yl)sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;
3-nitro-N-{[5-({4-[3-(morpholin-4-
yl)sulfonyl]anilino}piperidin-1-yl)sulfonyl}thien-2-
yl)methyl]benzamide;

3-nitro-N-[(5-{[4-(3-propylphenoxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N-[(5-{[4-(pyrimidin-2-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-{[5-({4-[(3-aminopyridin-2-yl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}-4-nitrobenzamide;

4-nitro-N-[(5-{[4-({3-nitropyridin-2-yl}amino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(2,3-dihydro-1H-inden-5-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-[(5-{[4-(2-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N-[(5-{[4-(4-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(3-tert-butylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-{[5-({4-[3-(1,3-oxazol-5-yl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

4-nitro-N-[(5-{[4-(2-phenylethyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-({5-[(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-4-nitrobenzamide;

N-[(5-{[4-([1,1'-biphenyl]-3-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

N-[(5-{[4-(3-benzylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-{[5-({4-[3-(morpholin-4-ylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

N-[(5-{[4-(2-aminoanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-[(5-{[4-(pyrimidin-2-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-{[5-({4-[(3-aminopyridin-2-yl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-3-nitrobenzamide;

N-({5-[(4-{2-nitro-4-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl)-3-methoxybenzamide;

~~3-nitro-N-[(5-{[4-(3-phenylpropyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

3-nitro-N-({5-[(4-{[4-(trifluoromethyl)pyrimidin-2-yl]amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl)benzamide;

N-[(5-{[4-(3-cyclohexyl-4-hydroxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

N-({5-[(4-{3-[(butylamino)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl)-3-nitrobenzamide;

N-[(5-{[4-(3-ethyl-anilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-[(5-{[4-(5,6,7,8-tetrahydronaphthalen-1-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N-[(5-{[4-(3-propylphenoxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

2-Hydroxy-N-({5-[(4-{3-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl)benzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-2-hydroxybenzamide;

N-{[5-({[4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

3-methoxy-N-[(5-{[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-methoxy-N-{[5-({[4-[3-(trifluoromethyl)anilino]piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-{[5-({[4-[3-(dimethylamino)anilino]piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(3-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-methoxy-N-{[5-({[4-[3-(methylsulfonyl)anilino]piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-methoxy-N-{[5-({[4-[3-(methylsulfonyl)anilino]piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-{[5-({[4-[3-(aminosulfonyl)anilino]piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

methyl 3-({[1-[(5-{[(3-methoxybenzoyl)amino]-methyl}thien-2-yl)sulfonyl]piperidin-4-yl]amino)-benzoate;

N-{[5-({[4-[3-(aminocarbonyl)anilino]piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(2-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-({[5-([4-[3-nitroanilino]piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-({5-({4-[2-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}benzamide;

N-({5-[(4-{2-nitroanilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide;

N-({5-({4-[4-(aminocarbonyl)anilino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}-3-methoxybenzamide;

N-({5-({4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}-3-methoxybenzamide;

N-[(5-{4-(3-chloroanilino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-[(5-{4-(4-chloroanilino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-({5-[(4-{4-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-({5-[(4-{3-[amino(imino)methyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide;

N-({5-[(4-{3-[(2-hydroxyethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide;

3-methoxy-N-({5-[(4-{3-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-({5-[(4-anilinopiperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide;

3-methoxy-N-({5-[(4-{3-[(trifluoromethyl)sulfanyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-[(5-{4-(4-hydroxyanilino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-nitro-N-({5-[4-{3-
[(trifluoromethyl)sulfanyl]anilino}piperidin-1-
yl)sulfonyl}thien-2-yl)methyl)benzamide;
4-nitro-N-({5-[4-{3-
[(trifluoromethyl)sulfanyl]anilino}piperidin-1-
yl)sulfonyl}thien-2-yl)methyl)benzamide;
N-[(5-{4-(2-hydroxyanilino)piperidin-1-
yl)sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;
3-methoxy-N-[(5-{4-(pyrimidin-2-ylamino)piperidin-
1-yl)sulfonyl}thien-2-yl)methyl]benzamide;
N-{5-({4-[(3-aminopyridin-2-yl)amino]piperidin-1-
yl)sulfonyl}thien-2-yl)methyl}-3-methoxybenzamide;
N-[(5-{4-({3-nitropyridin-2-yl)amino}piperidin-1-
yl)sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;
N-{5-({4-[(2,2-dioxido-1,3-dihydro-2-benzothien-5-
yl)amino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}-3-
methoxybenzamide;
N-[(5-{4-(2,3-dihydro-1H-inden-5-ylamino)piperidin-
1-yl)sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;
3-methoxy-N-[(5-{4-(2-propylanilino)piperidin-1-
yl)sulfonyl}thien-2-yl)methyl]benzamide;
3-methoxy-N-[(5-{4-(4-propylanilino)piperidin-1-
yl)sulfonyl}thien-2-yl)methyl]benzamide;
N-[(5-{4-(3-tert-butylanilino)piperidin-1-
yl)sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;
N-({5-[4-{[3-chloro-5-(trifluoromethyl)pyridin-2-
yl]amino}piperidin-1-yl)sulfonyl}thien-2-yl)methyl)-3-
methoxybenzamide;
3-methoxy-N-{5-({4-[3-(1,3-oxazol-5-
yl)anilino]piperidin-1-yl)sulfonyl}thien-2-
yl)methyl}benzamide;

N-[(5-{[4-([1,1'-biphenyl]-3-ylamino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(3-propylphenoxy)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]benzamide;

3-methoxy-N-{[5-([4-[3-(morpholin-4-yl)sulfonyl]anilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

3-methoxy-N-[(5-{[4-(2-phenylethyl)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(3-benzylanilino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

~~3-methoxy-N-[(5-{[4-(3-phenylpropyl)piperazin-1-yl)sulfonyl}thien-2-yl)methyl]benzamide;~~

3-methoxy-N-([5-([4-([4-(trifluoromethyl)pyrimidin-2-yl]amino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

N-[(5-{[4-(3-cyclohexyl-4-hydroxyanilino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-([5-([4-([3-([butylamino)sulfonyl]anilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

N-[(5-{[4-(3-ethyl-anilino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(5,6,7,8-tetrahydronaphthalen-1-ylamino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]-5-nitro-1H-pyrazole-3-carboxamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]-2-oxo-1,2-dihydropyridine-3-carboxamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-2-thioxo-1,2-dihydropyridine-3-carboxamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3,4-dihydroxybenzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]pyridine-2-carboxamide;

N-[(5-{[4-(hexyloxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-({5-[4-heptanoylpiperidin-1-yl]sulfonyl}thien-2-yl)methyl)-3-methoxybenzamide;

4-chloro-N-[(5-{[4-(3-propylanilino)piperidin-1-yl]sulfonyl}-2-furyl)methyl]benzamide;

4-chloro-N-[(5-{[4-(3-chloroanilino)piperidin-1-yl]sulfonyl}-2-furyl)methyl]benzamide;

4-chloro-N-[(5-{[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}-2-furyl)methyl]benzamide;

4-chloro-N-{[5-({4-[3-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl]methyl}benzamide;

4-chloro-N-{[5-({4-[3-(dimethylamino)anilino]piperidin-1-yl}sulfonyl)-2-furyl]methyl}benzamide;

4-chloro-N-{[5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl]methyl}benzamide;

4-chloro-N-{[5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl]methyl}benzamide;

N-{[5-({4-[3-(aminosulfonyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl]methyl}-4-chlorobenzamide;

methyl 3-({1-[(5-{[(4-chlorobenzoyl)amino]methyl}-2-furyl)sulfonyl]piperidin-4-yl}amino)benzoate;

3-({1-[(5-{[(4-chlorobenzoyl)amino]methyl}-2-furyl)sulfonyl]piperidin-4-yl}amino)benzamide;

4-chloro-N-({5-[(4-{3-nitroanilino}piperidin-1-yl)sulfonyl]-2-furyl)methyl}benzamide;

4-chloro-N-[(5-{[4-(2-methoxyanilino)piperidin-1-yl)sulfonyl]-2-furyl)methyl}benzamide;

4-chloro-N-{[5-({4-[2-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]-2-furyl)methyl}benzamide;

4-chloro-N-({5-[(4-{2-nitroanilino}piperidin-1-yl)sulfonyl]-2-furyl)methyl}benzamide;

4-chloro-N-[(5-{[4-(4-chloroanilino)piperidin-1-yl)sulfonyl]-2-furyl)methyl}benzamide;

4-chloro-N-{[5-({4-[4-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]-2-furyl)methyl}benzamide;

4-chloro-N-({5-[(4-{4-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]-2-furyl)methyl}benzamide;

N-{[5-({4-[4-(aminocarbonyl)anilino]piperidin-1-yl)sulfonyl]-2-furyl)methyl}-4-chlorobenzamide;

4-chloro-N-{[5-({4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-1-yl)sulfonyl]-2-furyl)methyl}benzamide;

N-({5-[(4-{3-[amino(imino)methyl]anilino}piperidin-1-yl)sulfonyl]-2-furyl)methyl}-4-chlorobenzamide;

4-chloro-N-({5-[(4-{3-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]-2-furyl)methyl}benzamide;

N-({5-[(4-anilinopiperidin-1-yl)sulfonyl]-2-furyl)methyl}-4-chlorobenzamide; and

4-nitro-N-({5-[(4-{3-
[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]2-
furyl)methyl}benzamide;
~~4-chloro-N-({5-[(3-{3-
{(trifluoromethyl)sulfonyl}anilino}pyrrolidin-1-
yl)sulfonyl]thien-2-yl)methyl}benzamide; and
4-chloro-N-({5-[(4-{3-
{(trifluoromethyl)sulfonyl}anilino}azepan-1-yl)sulfonyl]thien-
2-yl)methyl}benzamide.~~

12. (Currently Amended) A sulfonamide derivative
compound according to claim 11, which is selected from the
group consisting of:

4-chloro-N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-
yl)sulfonyl]thien-2-yl)methyl}benzamide;

~~4-chloro-N-[(5-{[4-(phenylacetyl)-1,4-diazepan-1-
yl)sulfonyl]thien-2-yl)methyl}benzamide;~~

N-({5-[(4-anilinopiperidin-1-yl)sulfonyl]thien-2-
yl)methyl}-4-chlorobenzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-
yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;

N-[(5-{[4-(1H-benzimidazol-1-yl)piperidin-1-
yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-{[5-({4-[3-propylanilino]piperidin-1-
yl)sulfonyl]thien-2-yl)methyl}benzamide;

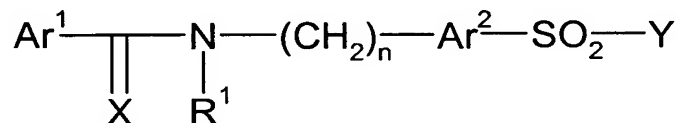
4-chloro-N-[(5-{[4-(4-chloroanilino)piperidin-1-
yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-({5-[(4-{3-[(2-
hydroxyethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-
yl)methyl}benzamide;

N-{[5-({4-[3-(aminosulfonyl)anilino]piperidin-1-
yl)sulfonyl]thien-2-yl)methyl}-4-chlorobenzamide;

~~4-chloro-N-[(5-{[4-(1-naphthoyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~
4-nitro-N-[(5-{[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;
methyl 3-{[1-({5-[(4-nitrobenzoyl)amino)methyl]thien-2-yl}sulfonyl)piperidin-4-yl]amino}benzoate;
N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-2-hydroxybenzamide; and
N-({5-[(4-{2-nitroanilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide.

13. (Currently Amended) A method for the modulation of the JNK pathway, comprising administering an effective amount of a sulfonamide ~~derivative compound~~ according to formula I



I

wherein Ar¹ and Ar² are independently from each other substituted or unsubstituted aryl or heteroaryl groups;

X is O or S, ~~preferably O~~;

R¹ is hydrogen or a C₁-C₆-alkyl group, or R¹ forms a substituted or unsubstituted 5-6-membered saturated or unsaturated ring with Ar¹;

n is an integer from 0 to 5, ~~preferably between 1-3 and most preferred 1~~;

Y within formula I is an unsubstituted or a substituted 4-12-membered saturated cyclic or bicyclic alkyl containing at least one nitrogen atom, whereby one nitrogen

atom within said ring is forming a bond with the sulfonyl group of formula I thus providing a sulfonamide.

14. (Currently Amended) A method according to claim 13 for the treatment ~~or prevention~~ of disorders associated with the abnormal expression or activity of JNK.

15. (Currently Amended) A method according to claim 14 for the treatment ~~or prevention~~ of disorders associated with abnormal expression or activity of JNK2 and/or 3.

16. (Currently Amended) A method ~~in accordance with claim 13~~ for the treatment of neuronal disorders comprising administering to a patient in need thereof an effective amount of a sulfonamide derivative compound according to ~~said~~ formula I in claim 1.

17. (Currently Amended) A method ~~in accordance with claim 13~~ for the treatment of autoimmune diseases comprising administering to a patient in need thereof an effective amount of a sulfonamide derivative compound according to ~~said~~ formula I in claim 13.

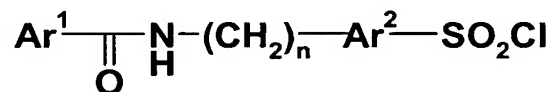
18. (Currently Amended) A method ~~in accordance with claim 13~~ for the treatment of cancer comprising administering to a patient in need thereof an effective amount of a sulfonamide derivative compound according to ~~said~~ formula I in claim 13.

19. (Currently Amended) A method ~~in accordance with claim 13~~ for the treatment of cardiovascular diseases comprising administering to a patient in need thereof an

effective amount of a sulfonamide derivative compound
according to ~~said~~ formula I in claim 13.

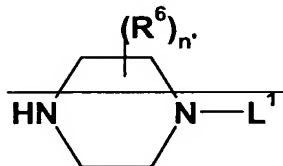
20. (Currently Amended) A pharmaceutical
composition containing at least one sulfonamide ~~derivative~~
compound according to claim 2-1 and a pharmaceutically
acceptable carrier, diluent or excipient.

21. (Currently Amended) Process for the
preparation of a sulfonamide ~~derivative compound~~ according to
claim 1, comprising reacting a sulfonyl chloride V

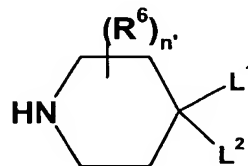


V

with an amine VII ~~or VIII~~



VII ~~or~~



VIII

whereby $(\text{R}^6)_n$, L^1 and L^2 are as ~~above~~ defined in claim

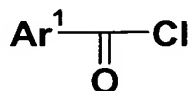
1.

22. (Currently Amended) A process according to
claim 21, wherein said sulfonyl chloride V is obtained by
a) coupling an amine of formula II:



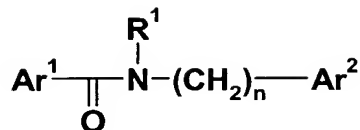
II

where Ar^2 and R^1 are as defined ~~above~~ in claim 1, with
an acyl chloride of formula III:



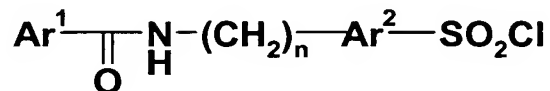
III

where Ar^1 is as defined ~~above~~ in claim 1, to provide
an amide of formula IV:



IV

b) sulfonating the amide of formula IV to provide a sulfonyl chloride V



V.

23. (Previously Presented) A method in accordance with claim 16, wherein said neuronal disorder is selected from the group consisting of epilepsy, Alzheimer's disease, Huntington's disease, Parkinson's disease, retinal diseases, spinal cord injury, and head trauma.

24. (Previously Presented) A method in accordance with claim 17, wherein said autoimmune disease is selected from the group consisting of multiple sclerosis, inflammatory bowel disease (IBD), rheumatoid arthritis, asthma, septic shock, and transplant rejection.

25. (Previously Presented) A method in accordance with claim 18, wherein said cancer is selected from the group consisting of breast-, colorectal-, and pancreatic cancer.

26. (Previously Presented) A method in accordance with claim 19, wherein said cardiovascular disease is selected from the group consisting of stroke, arteriosclerosis, myocardial infarction, and myocardial reperfusion injury.

27. (New) Sulfonamide compounds according to claim 1 wherein n is an integer of from 1 to 3.

28. (New) Sulfonamide compounds according to claim 27 wherein n is 1.

29. (New) Sulfonamide compounds according to claim 2 wherein n is an integer of from 1 to 3.

30. (New) Sulfonamide compounds according to claim 29 wherein n is 1.

31. (New) Sulfonamide compounds according to claim 3 wherein n is 1 or 2.

32. (New) The method according to claim 13 wherein X is O.

33. (New) The method according to claim 13 wherein n is an integer of from 1 to 3.

34. (New) The method according to claim 33 wherein n is 1.

35. (New) The sulfonamide compound according to claim 5 wherein the C₁-C₄ alkyl group is trihalomethyl.

36. (New) The sulfonamide compound according to claim 10 wherein L1 is a triazole ring which is fused with an unsubstituted or substituted aryl or heteroaryl.

37. (New) A method for treating diseases or disorders which are mediated by the JNK function or pathways comprising administering to a patient in need thereof a compound according to claim 1 that inhibits the JNK function of pathways.

38. (New) The method according to claim 37 wherein the disease or disorder is a neuronal disorder selected from the group consisting of epilepsy, Alzheimer's disease, Huntington's disease, Parkinson's disease, retinal diseases, spinal cord injury, and head trauma.

39. (New) The method according to claim 37 wherein the disease is an autoimmune disease selected from the group consisting of multiple sclerosis, inflammatory bowel disease (IBD), rheumatoid arthritis, asthma, septic shock, and transplant rejection.

40. (New) The method according to claim 37 wherein the disease is cancer selected from the group consisting of breast, colorectal, and pancreatic cancer.

41. (New) The method according to claim 37 wherein the disease is a cardiovascular disease selected from the group consisting of stroke, arteriosclerosis, myocardial infarction, and myocardial reperfusion injury.